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- Declarations under Rule 4.17:**
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
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(54) Title: EFFICIENT LIPOSOMAL ENCAPSULATION UNDER MILD CONDITIONS

(57) Abstract: A method for preparing liposomes containing at least one biologically active substance encapsulated therein under mild conditions comprises the following steps: (A) providing liposomes, wherein the liposomes are prepared by a method other than the instant method; (B) mixing the product of step (A) with a water-miscible organic solvent to form a gel or a liquid containing gel particles; and thereafter (C) (a) mixing the gel or liquid containing gel particles with aqueous medium V to directly form the liposomes containing the at least one biologically active substance encapsulated therein, (b) (i) mixing the gel or liquid containing gel particles with aqueous medium V to form a curd or curdy substance; and (ii) mixing the curd or curdy substance with aqueous medium W to directly form the liposomes containing the at least one biologically active substance encapsulated therein, or (c) (i) cooling the gel or liquid containing gel particles to form a waxy substance; and (ii) mixing the waxy substance with aqueous medium W to directly form the liposomes containing the at least one biologically active substance encapsulated therein; wherein the at least one biologically active substance is added in step (A), (B) or (C), and wherein aqueous media V and W are the same or different.

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